



EVALUATION OF ANALGESIC AND ANTI-INFLAMMATORY ACTIVITIES
OF *DROSERA SPATULATA*

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The aim of the present study is to investigate and evaluate analgesic and anti-inflammatory potential of aqueous and methanolic extracts of *Drosera spatulata* using different models in rats. The aqueous and methanolic extracts of *D. spatulata* (at the doses of 3, 4, 5, 8 and 10 mg/Kg body weight) investigated for anti-inflammatory and analgesic activities using various experimental models. Analgesic activity was evaluated using formalin induced paw licking models in rats. Anti-inflammatory activity was evaluated using measurement of paw edema volume model in rats. Both extracts caused a significant ($P < 0.05$) dose-dependent reduction of inflammation and pains induced by agent used. These results provide support for the use of aqueous and methanolic extracts of *Drosera spatulata* in relieving inflammatory, pain and insight into the development of new agents for treating inflammatory and pain diseases but further studies are needed to elucidate the mechanism (s) of action and phytochemical constituents of the plant.

References

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